

# PATENT ABSTRACTS OF JAPAN

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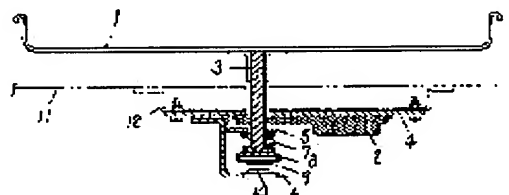
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## (54) WEIGHT SENSOR FOR MICROWAVE OVEN

### (57) Abstract:

PURPOSE: To improve a weight sensor used for a microwave oven.

CONSTITUTION: A turntable shaft 3 axially movable being driven by a motor 2 is energized upward by a spring 7. The change of distance between a buzzer 9 interlocked with the vertical displacement of the turntable shaft 3, and a buzzer 10 fixed opposedly to the buzzer 9 is detected by an oscillator and a phase difference detecting circuit. This results in realizing a weight sensor for a microwave oven provided with the accuracy and reliability of a spring balance.



## LEGAL STATUS

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